

## Recent Developments with Nanopore Sequencing

09 -10 October 2017

Auditorium IMAGIF  
Building 21, Campus CNRS, Gif-sur-Yvette

### PROGRAM

Monday, October 9th 2017

Session 1	
14:00 – 14:15	Welcome - Short introduction to nanopore sequencing Claude Thermes (I2BC, Gif-sur-Yvette)
14:15 – 14:45	Rapid resistome mapping using nanopore sequencing Eric van der Helm (Novo Nordisk Foundation Center for Biosustainability, Denmark)
14:45 – 15:15	Sequencing and applications using Oxford Nanopore long reads at Genoscope Jean-Marc Aury (Genoscope, CEA)
15:15 – 15:45	Searching for a wild cousin of <i>Vibrio cholerae</i> 's secondary chromosome François-Xavier Barre (I2BC, Gif-sur-Yvette)
15:45 – 16:15	Coffee break
16:15 – 16:45	A precision medicine approach to the diagnosis and management of serious infection using nanopore metagenomic sequencing Justin O'Grady (University of East Anglia, Norwich, UK)
16:45– 17:15	How does the Nanopore technology meet our users' needs ? Example of the surveillance of Avipoxviruses Catherine Zanchetta (GeT-PlaGe - Genotoul, Toulouse)
17:15 – 17:45	Functional dissection of large repetitive transcription units by long read Nanopore sequencing Dominik Handler (IMBA, Austria)

Tuesday, October 10th 2017

Session 2	
9:00 – 9:30	Lightweight bioinformatics for lightweight sequencing Christiaan Henkel (Institute of Biology Leiden, The Netherlands)
9:30 – 10:0	Sequencing and assembling plant genomes using Oxford Nanopore long reads Benjamin Istace (Genoscope, CEA)
10:00 – 10:30	Coffee break
10:30 – 11:00	Elucidating the expression and splicing patterns of neuropsychiatric disease genes in human brain Michael Clark (Garvan Institute of Medical Research, Australia & University of Oxford, UK)
11:00 – 11:30	Mapping and phasing of structural variations in human genomes using nanopore sequencing Wigard Kloosterman (University Medical Center Utrecht, The Netherlands)
11:30 – 12:00	Genomic and epigenomic classification of cancer using nanopore sequencing Philipp Euskirchen (Charité-Universitätsmedizin, Berlin)

